Red Hat Enterprise Linux Release 9.2 Manual Pages on 'strncasecmp.3' command

$ man strncasecmp.3

STRCASECMP(3)   Linux Programmer's Manual   STRCASECMP(3)

NAME

    strcasecmp, strncasecmp - compare two strings ignoring case

SYNOPSIS

    #include <strings.h>

    int strcasecmp(const char *s1, const char *s2);

    int strncasecmp(const char *s1, const char *s2, size_t n);

DESCRIPTION

    The strcasecmp() function performs a byte-by-byte comparison of the

    strings s1 and s2, ignoring the case of the characters. It returns an

    integer less than, equal to, or greater than zero if s1 is found, re?

    spectively, to be less than, to match, or be greater than s2.

    The strncasecmp() function is similar, except that it compares no more

    than n bytes of s1 and s2.

RETURN VALUE

    The strcasecmp() and strncasecmp() functions return an integer less

    than, equal to, or greater than zero if s1 is, after ignoring case,

    found to be less than, to match, or be greater than s2, respectively.

ATTRIBUTES

    For an explanation of the terms used in this section, see at?

    tributes(7).

    ???

    ?Interface   ? Attribute   ? Value   ?

???
?strcasecmp(), strncasecmp() ? Thread safety ? MT-Safe locale ?
???

CONFORMING TO

4.4BSD, POSIX.1-2001, POSIX.1-2008.

NOTES

The strcasecmp() and strncasecmp() functions first appeared in 4.4BSD,
where they were declared in <string.h>. Thus, for reasons of histori?
cal compatibility, the glibc <string.h> header file also declares these
functions, if the _DEFAULT_SOURCE (or, in glibc 2.19 and earlier,
_BSD_SOURCE) feature test macro is defined.

The POSIX.1-2008 standard says of these functions:

When the LC_CTYPE category of the locale being used is from the
POSIX locale, these functions shall behave as if the strings had
been converted to lowercase and then a byte comparison per?
formed. Otherwise, the results are unspecified.

SEE ALSO

bcmp(3), memcmp(3), strcmp(3), strcoll(3), string(3), strncmp(3), wc?
scasecmp(3), wcsncasecmp(3)

COLOPHON

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description of the project, information about reporting bugs, and the
latest version of this page, can be found at
https://www.kernel.org/doc/man-pages/.

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